

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator	<u>BREITBURN OPER.</u>	State Permit Number	<u>42310</u>
Address		EPA Permit Number	<u>MI-137-2D-0074</u>
		Date of Test	<u>5/14/2013</u>
Well Name & Number	<u>KASUBA 10-12</u>	Well Type	<u>2D</u>

Quarter	Quarter	Quarter	Section	Township	Range	Township Name	County	State
<u>SE</u>	<u>NW</u>	<u>SW</u>	<u>12</u>	<u>30N</u>	<u>3W</u>		<u>OTSEGO</u>	<u>MI</u>
GPS file number		Latitude		Longitude		Elevation		
		<u>45.00635</u>		<u>84.61865</u>				

Company Representative	<u>Brian Brown</u>	Field Inspector	<u>SAM H. Williams</u>
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GAUGE CERTIFICATION

Type Pressure Gauge WIKA } 4 inch face 600 psi full scale 5 psi increments
 New Gauge? Yes ☒ No ☐ If no, date of calibration _____ Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Time	<u>0</u>	<u>15</u>	<u>30</u>				
Annulus	<u>340</u>	<u>340</u>	<u>340</u>				
Tubing	<u>VAC</u>						

WELL STATUS

5 Year ☒ TD# 13-146
 2 Year TA ☐ TD# _____
 Rework after failure ☐ TD# _____
 New Permit ☐ TD# _____
 Enforcement Action ☐ TD# _____
 Annual Class 1 ☐ TD# _____

WELL CONFIGURATION

Casing Size 5 1/2
 Tubing Size 2 3/8
 Packer Type AD-1
 Packer set @ 2194
 Fluid Return (gal) 2 1/2 - 3 GAL

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x .03 10.2 psi 340
 Test Pressure change 2 psi 0.80

Test Passed ☒ Test Failed ☐ : If failed test, well must shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

COMMENT:

JUN 05 2013

Signature of Company Representative	<u>[Signature]</u>	Date	<u>5/14/2013</u>
Signature of UIC Field Inspector	<u>[Signature]</u>	Date	<u>MAY 14, 2013</u>